

To: Rao, Kate[Rao.kate@epa.gov]
Cc: Albright, David[Albright.David@epa.gov]
From: Rumrill, Nancy
Sent: Wed 11/16/2016 12:45:07 AM
Subject: RE: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

.....
>>>>>>

I think this is fine. I had one correction on the point of providing ADEQ comments to EPA. We already received the ADEQ comments and responses.

Thanks, Nancy

~~~~~



United States Environmental Protection Agency

*Nancy Rumrill (rumrill.nancy@epa.gov)*

*Drinking Water Protection Section (WTR-3-2)*

*US EPA, Region IX*

*75 Hawthorne St.*

*San Francisco, CA 94105*

*Phone (415) 972-3293*

**From:** Rao, Kate

**Sent:** Tuesday, November 15, 2016 2:07 PM

**To:** Albright, David ; Rumrill, Nancy

**Subject:** FW: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Nancy/David – See attached for notes from the Excelsior call. Is this the level of detail you want/need? If this is too much, we should discuss. Want to make sure you are getting what you need.

Kate

\*\*\*\*\*

Kate Rao

Drinking Water Protection Section (WTR 3-2)

USEPA Region 9

75 Hawthorne St., San Francisco, CA 94105

tel: (415) 972-3533 / fax: (415) 947-3549

**From:** Jonathan Koplos [<mailto:Jonathan.Koplos@cadmusgroup.com>]

**Sent:** Tuesday, November 15, 2016 1:50 PM

**To:** Rao, Kate <[Rao.kate@epa.gov](mailto:Rao.kate@epa.gov)>

**Cc:** Rumrill, Nancy <[Rumrill.Nancy@epa.gov](mailto:Rumrill.Nancy@epa.gov)>; JAMES D WALKER

**Ex. 6 - Personal Privacy**

**Subject:** RE: Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Hi Kate,

Please find attached Jim's summary notes of the November 8 call with Excelsior.

Let us know if you have any questions.

Jonathan

---

Jonathan Koplos, Ph.D.

The Cadmus Group, Inc.

100 5<sup>th</sup> Avenue, Suite 100

Waltham, MA 02451

Ph. 617-673-7184

Cell 617-775-5789

[www.cadmusgroup.com](http://www.cadmusgroup.com)

**From:** Rao, Kate [<mailto:Rao.kate@epa.gov>]

**Sent:** Wednesday, November 02, 2016 1:19 PM

**To:** Jonathan Koplos <[Jonathan.Koplos@cadmusgroup.com](mailto:Jonathan.Koplos@cadmusgroup.com)>

**Cc:** JAMES D WALKER <**Ex. 6 - Personal Privacy**>; Albright, David <[Albright.David@epa.gov](mailto:Albright.David@epa.gov)>; Rumrill, Nancy <[Rumrill.Nancy@epa.gov](mailto:Rumrill.Nancy@epa.gov)>

**Subject:** Technical Direction Memo: Contract No. EP-C-15-022, WA 1-90; Task 4 (Project Technical Reviews) & Task 5 (Consultation) -- Excelsior Mining Company - Class III UIC Permit

Hi Jonathan – below is a new work initiation request under Contract No. EP-C-15-022, WA 1-90 for Excelsior. Please let me know if you have any questions. You have already confirmed that Jim will work on this project so I am cc'ing him on this email.

Nancy is the tech lead on this project and she will cc: you and me on all call logistics and tech review items.

See Task 5, section a. for info on upcoming call. I am still working out the logistics and will update you when I get more information.

Thanks. Kate

---

**Contract No. EP-C-15-022, Workplan Assignment No. 1-90**

**R9 Tech Support for Implementation of the UIC Program – Excelsior Mining Company - Class III UIC Permit #R9UIC-AZ1-FY-16-1**

**Task 4 (Project Technical Reviews) & Task 5 (Consultation)**

**Technical Direction**

**Background:** Excelsior Mining Company (Excelsior) has submitted a UIC area permit application to operate a Class III ISR copper mining facility in Chochise County, AZ.

On 3/24/2016, we issued a TDM requesting a technical review of Excelsior's Class III permit application. Cadmus submitted technical review comments on 6/8/2016 (see attached: Comments on the Excelsior Mining Arizona Gunnison Copper Project\_6-8-2016.docx). EPA utilized these comments to issue the attached Notice of Deficiency on 10/14/2016 to Excelsior. Excelsior has requested a conference call with EPA Region 9 to discuss the NOD.

**Under Task 5 (Consultation),** the contractor shall make available a staff person to consult, directly with EPA staff and/or on calls with EPA & applicant, on the Excelsior Class III permit application and supporting material.

o Material: Will be sent prior to call or discussed on call.

o Estimated LOE: **Ex. 4 - CBI** per call (includes prep time)

o Deliverable: Summary of consultation support -- noted in monthly progress report and if possible, within 5 working days of the conference call, send draft notes to EPA via email.

a. Call scheduled for Tuesday, November 8<sup>th</sup> from 8:30 am to 11:00 am. Pre-discussion and de-brief discussion may be requested (TBD) and will be organized by Nancy Rumrill as needed.

∇ Material to review: 6/8/2016 Cadmus comments and 10/14/2016 NOD.

∇ LOE: **Ex. 4 - CBI** (includes prep and calls)

▽ Deliverable: written summary of consultation provided on call.

**Under Task 4 (Project Technical Review)**, the contractor shall provide technical review for revised/updated Excelsior Class III permit documentation and supporting material. The contractor shall incorporate any comments from EPA and shall provide a final draft to the EPA WACOR.

○ Material: same as under Consultation Task and additional material as provided by the applicant.

○ Estimated LOE: **Ex. 4 - CBI** per review.

○ Deliverable: Prepare written comments in a format agreed upon when tech review is requested.

○ Schedule: 1 – 2 weeks for each request unless noted otherwise.

\*\*\*\*\*

Kate Rao  
Drinking Water Protection Section (WTR 3-2)  
USEPA Region 9  
75 Hawthorne St., San Francisco, CA 94105  
tel: (415) 972-3533 / fax: (415) 947-3549